**Abstract**

Shop Management System web based manufacturing system that enables a manufacturing industry to schedule its manufacturing operations.

The Shop Management System is targeted to automate the almost all of the processes mentioned above to reduce the clerical labor of staff

The shop management System will make storing of employee records, purchase information and customer information.

**Description**

Shop Management System is a desktop application that keeps track of all the transactions and generates a bill for all the purchased goods.

Shop Management system is a system in which user has to enter the model number of particular product total number of items. From these two fields, system will generate a bill of requested amount for that particular product.

In shop management System,allows you to print all the invoices of a particular day and puts them in a directory under the date of that day and also prints the receipts. SHOP MANAGEMENT SYSTEM project is fully developed in python language.

Requirement

Hardware

RAM : 8 GB Hard Disk : 1 Terabytes Processor : Intel core i5

Software

Anoconda, Jupyter notebook, MySQL

**GUI:**

I used tkinter in python, Tkinter is **the standard GUI library for Python**. Python when combined with Tkinter provides a fast and easy way to create GUI applications. Tkinter provides a powerful object-oriented interface to the Tk GUI toolkit.

**Connection1:**

 It connects the python program to a database and creates a Customer table with three attributes customer name, customer phone no., bill no.

**Connection2:**

It connects our python program to a database and creates a product table with twenty one attributes.

**Connection query**

**Table1:**

conn = pyodbc.connect('Driver={SQL Server};'

'Server=RITI;'

'Database=billmanagement;'

'Trusted\_Connection=yes;')

cursor = conn.cursor()

cursor.execute('''INSERT INTO customer\_details2 (cus\_name, c\_phone, c\_bill\_no) VALUES ('{0}',{1},{2});'''.format(self.cus\_name.get(),self.c\_phone.get(),self.c\_bill\_no.get()))

cursor.commit()

data = pd.read\_sql("SELECT \* FROM customer\_details2",conn)

print(data)

cursor.close()

cursor = conn.cursor()

**Table2**:

cursor.execute('''INSERT INTO products (bath\_soap,face\_cream,face\_wash,hair\_spray,body\_lotion,rice,daal,food\_oil,wheat,sugar,maza,coke,frooti,nimko,biscuits,total\_cosmetics,total\_grocery,total\_other,tax\_cos,tax\_groc,tax\_other)

VALUES ({0},{1},{2},{3},{4},{5},{6},{7},{8},{9},{10},{11},{12},{13},{14},'{15}','{16}','{17}','{18}','{19}','{20}');'''

.format(self.bath\_soap.get(),self.face\_cream.get(),self.face\_wash.get(),self.hair\_spray.get(),

self.body\_lotion.get(),self.rice.get(),self.daal.get(),self.food\_oil.get(),

self.wheat.get(),self.sugar.get(),self.maza.get(),self.coke.get(),self.frooti.get(),

self.nimko.get(),self.biscuits.get(),self.total\_cosmetics.get(),self.total\_grocery.get(),

self.total\_other.get(),self.tax\_cos.get(),self.tax\_groc.get(),self.tax\_other.get()))

cursor.commit()

data = pd.read\_sql("SELECT \* FROM products",conn)

print(data)

cursor.close()



PYTHON CODE:

## Import Packages:

from tkinter import \*

import random

import pyodbc

import pandas as pd

## Main Class:

class Bill\_App:

def \_\_init\_\_(self,root):

self.root = root

self.root.geometry("1300x700+0+0")

self.root.maxsize(width = 1280,height = 700)

self.root.minsize(width = 1280,height = 700)

self.root.title(" Shop Management System")

#====================Variables========================#

self.cus\_name = StringVar()

self.c\_phone = StringVar()

#For Generating Random Bill Numbers

x = random.randint(10000,99999)

self.c\_bill\_no = StringVar()

#Seting Value to variable

self.c\_bill\_no.set(str(x))

self.bath\_soap = IntVar()

self.face\_cream = IntVar()

self.face\_wash = IntVar()

self.hair\_spray = IntVar()

self.body\_lotion = IntVar()

self.rice = IntVar()

self.daal = IntVar()

self.food\_oil = IntVar()

self.wheat = IntVar()

self.sugar = IntVar()

self.maza = IntVar()

self.coke = IntVar()

self.frooti = IntVar()

self.nimko = IntVar()

self.biscuits = IntVar()

self.total\_cosmetics = StringVar()

self.total\_grocery = StringVar()

self.total\_other = StringVar()

self.tax\_cos = StringVar()

self.tax\_groc = StringVar()

self.tax\_other = StringVar()

#===================================

bg\_color = "#074463"

fg\_color = "white"

lbl\_color = 'white'

#Title of App

title = Label(self.root,text = "Shop Management System",bd = 12,relief = GROOVE,fg = fg\_color,bg = bg\_color,font=("times new roman",30,"bold"),pady = 3).pack(fill = X)

#==========Customers Frame==========#

F1 = LabelFrame(text = "Customer Details",font = ("time new roman",12,"bold"),fg = "gold",bg = bg\_color,relief = GROOVE,bd = 10)

F1.place(x = 0,y = 80,relwidth = 1)

#===============Customer Name===========#

cname\_lbl = Label(F1,text="Customer Name",bg = bg\_color,fg = fg\_color,font=("times new roman",15,"bold")).grid(row = 0,column = 0,padx = 10,pady = 5)

cname\_en = Entry(F1,bd = 8,relief = GROOVE,textvariable = self.cus\_name)

cname\_en.grid(row = 0,column = 1,ipady = 4,ipadx = 30,pady = 5)

#=================Customer Phone==============#

cphon\_lbl = Label(F1,text = "Phone No",bg = bg\_color,fg = fg\_color,font = ("times new roman",15,"bold")).grid(row = 0,column = 2,padx = 20)

cphon\_en = Entry(F1,bd = 8,relief = GROOVE,textvariable = self.c\_phone)

cphon\_en.grid(row = 0,column = 3,ipady = 4,ipadx = 30,pady = 5)

#====================Customer Bill No==================#

cbill\_lbl = Label(F1,text = "Bill No.",bg = bg\_color,fg = fg\_color,font = ("times new roman",15,"bold"))

cbill\_lbl.grid(row = 0,column = 4,padx = 20)

cbill\_en = Entry(F1,bd = 8,relief = GROOVE,textvariable = self.c\_bill\_no)

cbill\_en.grid(row = 0,column = 5,ipadx = 30,ipady = 4,pady = 5)

#====================Bill Search Button===============#

bill\_btn = Button(F1,text = "Enter",bd = 7,relief = GROOVE,font = ("times new roman",12,"bold"),bg = bg\_color,fg = fg\_color, command = self.entercustomer)

bill\_btn.grid(row = 0,column = 6,ipady = 5,padx = 60,ipadx = 19,pady = 5)

#==================Cosmetics Frame=====================#

F2 = LabelFrame(self.root,text = 'Cosmetics',bd = 10,relief = GROOVE,bg = bg\_color,fg = "gold",font = ("times new roman",13,"bold"))

F2.place(x = 5,y = 180,width = 325,height = 380)

#===========Frame Content

bath\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Bath Soap")

bath\_lbl.grid(row = 0,column = 0,padx = 10,pady = 20)

bath\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.bath\_soap)

bath\_en.grid(row = 0,column = 1,ipady = 5,ipadx = 5)

#=======Face Cream

face\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Face Cream")

face\_lbl.grid(row = 1,column = 0,padx = 10,pady = 20)

face\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.face\_cream)

face\_en.grid(row = 1,column = 1,ipady = 5,ipadx = 5)

#========Face Wash

wash\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Face Wash")

wash\_lbl.grid(row = 2,column = 0,padx = 10,pady = 20)

wash\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.face\_wash)

wash\_en.grid(row = 2,column = 1,ipady = 5,ipadx = 5)

#========Hair Spray

hair\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Hair Spray")

hair\_lbl.grid(row = 3,column = 0,padx = 10,pady = 20)

hair\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.hair\_spray)

hair\_en.grid(row = 3,column = 1,ipady = 5,ipadx = 5)

#============Body Lotion

lot\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Body Lotion")

lot\_lbl.grid(row = 4,column = 0,padx = 10,pady = 20)

lot\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.body\_lotion)

lot\_en.grid(row = 4,column = 1,ipady = 5,ipadx = 5)

#==================Grocery Frame=====================#

F2 = LabelFrame(self.root,text = 'Grocery',bd = 10,relief = GROOVE,bg = bg\_color,fg = "gold",font = ("times new roman",13,"bold"))

F2.place(x = 330,y = 180,width = 325,height = 380)

#===========Frame Content

rice\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Rice")

rice\_lbl.grid(row = 0,column = 0,padx = 10,pady = 20)

rice\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.rice)

rice\_en.grid(row = 0,column = 1,ipady = 5,ipadx = 5)

#=======

oil\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Food Oil")

oil\_lbl.grid(row = 1,column = 0,padx = 10,pady = 20)

oil\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.food\_oil)

oil\_en.grid(row = 1,column = 1,ipady = 5,ipadx = 5)

#=======

daal\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Daal")

daal\_lbl.grid(row = 2,column = 0,padx = 10,pady = 20)

daal\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.daal)

daal\_en.grid(row = 2,column = 1,ipady = 5,ipadx = 5)

#========

wheat\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Wheat")

wheat\_lbl.grid(row = 3,column = 0,padx = 10,pady = 20)

wheat\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.wheat)

wheat\_en.grid(row = 3,column = 1,ipady = 5,ipadx = 5)

#============

sugar\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Sugar")

sugar\_lbl.grid(row = 4,column = 0,padx = 10,pady = 20)

sugar\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.sugar)

sugar\_en.grid(row = 4,column = 1,ipady = 5,ipadx = 5)

#==================Other Stuff=====================#

F2 = LabelFrame(self.root,text = 'Others',bd = 10,relief = GROOVE,bg = bg\_color,fg = "gold",font = ("times new roman",13,"bold"))

F2.place(x = 655,y = 180,width = 325,height = 380)

#===========Frame Content

maza\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Maza")

maza\_lbl.grid(row = 0,column = 0,padx = 10,pady = 20)

maza\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.maza)

maza\_en.grid(row = 0,column = 1,ipady = 5,ipadx = 5)

#=======

cock\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Coke")

cock\_lbl.grid(row = 1,column = 0,padx = 10,pady = 20)

cock\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.coke)

cock\_en.grid(row = 1,column = 1,ipady = 5,ipadx = 5)

#=======

frooti\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Frooti")

frooti\_lbl.grid(row = 2,column = 0,padx = 10,pady = 20)

frooti\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.frooti)

frooti\_en.grid(row = 2,column = 1,ipady = 5,ipadx = 5)

#========

cold\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Nimkos")

cold\_lbl.grid(row = 3,column = 0,padx = 10,pady = 20)

cold\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.nimko)

cold\_en.grid(row = 3,column = 1,ipady = 5,ipadx = 5)

#============

bis\_lbl = Label(F2,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Biscuits")

bis\_lbl.grid(row = 4,column = 0,padx = 10,pady = 20)

bis\_en = Entry(F2,bd = 8,relief = GROOVE,textvariable = self.biscuits)

bis\_en.grid(row = 4,column = 1,ipady = 5,ipadx = 5)

#===================Bill Aera================#

F3 = Label(self.root,bd = 10,relief = GROOVE)

F3.place(x = 960,y = 180,width = 325,height = 380)

#===========

bill\_title = Label(F3,text = "Bill Area",font = ("Lucida",13,"bold"),bd= 7,relief = GROOVE)

bill\_title.pack(fill = X)

#============

scroll\_y = Scrollbar(F3,orient = VERTICAL)

self.txt = Text(F3,yscrollcommand = scroll\_y.set)

scroll\_y.pack(side = RIGHT,fill = Y)

scroll\_y.config(command = self.txt.yview)

self.txt.pack(fill = BOTH,expand = 1)

#===========Buttons Frame=============#

F4 = LabelFrame(self.root,text = 'Bill Menu',bd = 10,relief = GROOVE,bg = bg\_color,fg = "gold",font = ("times new roman",13,"bold"))

F4.place(x = 0,y = 560,relwidth = 1,height = 145)

#===================

cosm\_lbl = Label(F4,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Total Cosmetics")

cosm\_lbl.grid(row = 0,column = 0,padx = 10,pady = 0)

cosm\_en = Entry(F4,bd = 8,relief = GROOVE,textvariable = self.total\_cosmetics)

cosm\_en.grid(row = 0,column = 1,ipady = 2,ipadx = 5)

#===================

gro\_lbl = Label(F4,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Total Grocery")

gro\_lbl.grid(row = 1,column = 0,padx = 10,pady = 5)

gro\_en = Entry(F4,bd = 8,relief = GROOVE,textvariable = self.total\_grocery)

gro\_en.grid(row = 1,column = 1,ipady = 2,ipadx = 5)

#================

oth\_lbl = Label(F4,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Others Total")

oth\_lbl.grid(row = 2,column = 0,padx = 10,pady = 5)

oth\_en = Entry(F4,bd = 8,relief = GROOVE,textvariable = self.total\_other)

oth\_en.grid(row = 2,column = 1,ipady = 2,ipadx = 5)

#================

cosmt\_lbl = Label(F4,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Cosmetics Tax")

cosmt\_lbl.grid(row = 0,column = 2,padx = 30,pady = 0)

cosmt\_en = Entry(F4,bd = 8,relief = GROOVE,textvariable = self.tax\_cos)

cosmt\_en.grid(row = 0,column = 3,ipady = 2,ipadx = 5)

#=================

grot\_lbl = Label(F4,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Grocery Tax")

grot\_lbl.grid(row = 1,column = 2,padx = 30,pady = 5)

grot\_en = Entry(F4,bd = 8,relief = GROOVE,textvariable = self.tax\_groc)

grot\_en.grid(row = 1,column = 3,ipady = 2,ipadx = 5)

#==================

otht\_lbl = Label(F4,font = ("times new roman",15,"bold"),fg = lbl\_color,bg = bg\_color,text = "Others Tax")

otht\_lbl.grid(row = 2,column = 2,padx = 10,pady = 5)

otht\_en = Entry(F4,bd = 8,relief = GROOVE,textvariable = self.tax\_other)

otht\_en.grid(row = 2,column = 3,ipady = 2,ipadx = 5)

#====================

total\_btn = Button(F4,text = "Total",bg = bg\_color,fg = fg\_color,font=("lucida",12,"bold"),bd = 7,relief = GROOVE,command = self.total)

total\_btn.grid(row = 1,column = 4,ipadx = 20,padx = 30)

#========================

genbill\_btn = Button(F4,text = "Generate Bill",bg = bg\_color,fg = fg\_color,font=("lucida",12,"bold"),bd = 7,relief = GROOVE,command = self.bill\_area)

genbill\_btn.grid(row = 1,column = 5,ipadx = 20)

#====================

clear\_btn = Button(F4,text = "Clear",bg = bg\_color,fg = fg\_color,font=("lucida",12,"bold"),bd = 7,relief = GROOVE,command = self.clear)

clear\_btn.grid(row = 1,column = 6,ipadx = 20,padx = 30)

#======================

exit\_btn = Button(F4,text = "Exit",bg = bg\_color,fg = fg\_color,font=("lucida",12,"bold"),bd = 7,relief = GROOVE,command = self.exit)

exit\_btn.grid(row = 1,column = 7,ipadx = 20)

#Function to get total prices

def total(self):

#=================Total Cosmetics Prices

self.total\_cosmetics\_prices = (

(self.bath\_soap.get() \* 40)+

(self.face\_cream.get() \* 140)+

(self.face\_wash.get() \* 240)+

(self.hair\_spray.get() \* 340)+

(self.body\_lotion.get() \* 260)

)

self.total\_cosmetics.set("Rs. "+str(self.total\_cosmetics\_prices))

self.tax\_cos.set("Rs. "+str(round(self.total\_cosmetics\_prices\*0.05)))

#====================Total Grocery Prices

self.total\_grocery\_prices = (

(self.wheat.get()\*100)+

(self.food\_oil.get() \* 180)+

(self.daal.get() \* 80)+

(self.rice.get() \*80)+

(self.sugar.get() \* 170)

)

self.total\_grocery.set("Rs. "+str(self.total\_grocery\_prices))

self.tax\_groc.set("Rs. "+str(round(self.total\_grocery\_prices\*0.05)))

#======================Total Other Prices

self.total\_other\_prices = (

(self.maza.get() \* 20)+

(self.frooti.get() \* 50)+

(self.coke.get() \* 60)+

(self.nimko.get() \* 20)+

(self.biscuits.get() \* 20)

)

self.total\_other.set("Rs. "+str(self.total\_other\_prices))

self.tax\_other.set("Rs. "+str(round(self.total\_other\_prices\*0.05)))

#Function For Text Area

def welcome\_soft(self):

self.txt.delete('1.0',END)

self.txt.insert(END," Welcome To BMS Retail \n")

self.txt.insert(END,f"\nBill No. : {str(self.c\_bill\_no.get())}")

self.txt.insert(END,f"\nCustomer Name : {str(self.cus\_name.get())}")

self.txt.insert(END,f"\nPhone No. : {str(self.c\_phone.get())}")

self.txt.insert(END,"\n===================================")

self.txt.insert(END,"\nProduct Qty Price")

self.txt.insert(END,"\n===================================")

#Function to clear the bill area

def clear(self):

self.txt.delete('1.0',END)

def entercustomer(self):

conn = pyodbc.connect('Driver={SQL Server};'

'Server=RITI;'

'Database=billmanagement;'

'Trusted\_Connection=yes;')

cursor = conn.cursor()

cursor.execute('''INSERT INTO customer\_details2 (cus\_name, c\_phone, c\_bill\_no) VALUES ('{0}',{1},{2});'''.format(self.cus\_name.get(),self.c\_phone.get(),self.c\_bill\_no.get()))

cursor.commit()

data = pd.read\_sql("SELECT \* FROM customer\_details2",conn)

print(data)

cursor.close()

#Add Product name , qty and price to bill area

def bill\_area(self):

self.welcome\_soft()

if self.bath\_soap.get() != 0:

self.txt.insert(END,f"\nBath Soap {self.bath\_soap.get()} {self.bath\_soap.get() \* 40}")

if self.face\_cream.get() != 0:

self.txt.insert(END,f"\nFace Cream {self.face\_cream.get()} {self.face\_cream.get() \* 140}")

if self.face\_wash.get() != 0:

self.txt.insert(END,f"\nFace Wash {self.face\_wash.get()} {self.face\_wash.get() \* 240}")

if self.hair\_spray.get() != 0:

self.txt.insert(END,f"\nHair Spray {self.hair\_spray.get()} {self.hair\_spray.get() \* 340}")

if self.body\_lotion.get() != 0 :

self.txt.insert(END,f"\nBody Lotion {self.body\_lotion.get()} {self.body\_lotion.get() \* 260}")

if self.wheat.get() != 0:

self.txt.insert(END,f"\nWheat {self.wheat.get()} {self.wheat.get() \* 100}")

if self.food\_oil.get() != 0:

self.txt.insert(END,f"\nFood Oil {self.food\_oil.get()} {self.food\_oil.get() \* 180}")

if self.daal.get() != 0:

self.txt.insert(END,f"\nDaal {self.daal.get()} {self.daal.get() \* 80}")

if self.rice.get() != 0:

self.txt.insert(END,f"\nRice {self.rice.get()} {self.rice.get() \* 80}")

if self.sugar.get() != 0:

self.txt.insert(END,f"\nSugar {self.sugar.get()} {self.sugar.get() \* 170}")

if self.maza.get() != 0:

self.txt.insert(END,f"\nMaza {self.maza.get()} {self.maza.get() \* 20}")

if self.frooti.get() != 0:

self.txt.insert(END,f"\nFrooti {self.frooti.get()} {self.frooti.get() \* 50}")

if self.coke.get() != 0:

self.txt.insert(END,f"\nCoke {self.coke.get()} {self.coke.get() \* 60}")

if self.nimko.get() != 0:

self.txt.insert(END,f"\nNimko {self.nimko.get()} {self.nimko.get() \* 20}")

if self.biscuits.get() != 0:

self.txt.insert(END,f"\nBiscuits {self.biscuits.get()} {self.biscuits.get() \* 20}")

self.txt.insert(END,"\n===================================")

self.txt.insert(END,f"\n Total : {self.total\_cosmetics\_prices+self.total\_grocery\_prices+self.total\_other\_prices+self.total\_cosmetics\_prices \* 0.05+self.total\_grocery\_prices \* 0.05+self.total\_other\_prices \* 0.05}")

conn = pyodbc.connect('Driver={SQL Server};'

'Server=RITI;'

'Database=billmanagement;'

'Trusted\_Connection=yes;')

cursor = conn.cursor()

cursor.execute('''INSERT INTO products (bath\_soap,face\_cream,face\_wash,hair\_spray,body\_lotion,rice,daal,food\_oil,wheat,sugar,maza,coke,frooti,nimko,biscuits,total\_cosmetics,total\_grocery,total\_other,tax\_cos,tax\_groc,tax\_other)

VALUES ({0},{1},{2},{3},{4},{5},{6},{7},{8},{9},{10},{11},{12},{13},{14},'{15}','{16}','{17}','{18}','{19}','{20}');'''

.format(self.bath\_soap.get(),self.face\_cream.get(),self.face\_wash.get(),self.hair\_spray.get(),

self.body\_lotion.get(),self.rice.get(),self.daal.get(),self.food\_oil.get(),

self.wheat.get(),self.sugar.get(),self.maza.get(),self.coke.get(),self.frooti.get(),

self.nimko.get(),self.biscuits.get(),self.total\_cosmetics.get(),self.total\_grocery.get(),

self.total\_other.get(),self.tax\_cos.get(),self.tax\_groc.get(),self.tax\_other.get()))

cursor.commit()

data = pd.read\_sql("SELECT \* FROM products",conn)

print(data)

cursor.close()

#Function to exit

def exit(self):

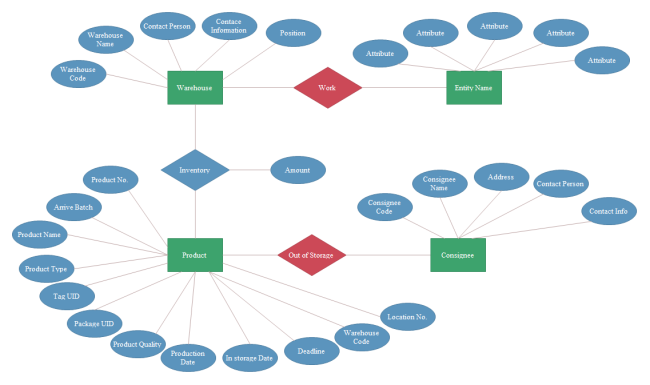
self.root.destroy()

root = Tk()

object = Bill\_App(root)

root.mainloop()

ER Diagram:



Output:

